

## **OPTICAL SWITCH HAVING REDUCED CROSS TALK**

### **ABSTRACT OF THE INVENTION**

The invention relates to an optical switch. The optical switch includes a light barrier having a surface between sides. The switch also includes a first light transmitting medium having one or more ridges. Each ridge defines a portion of an input waveguide. The light transmitting medium is positioned such that at least one of the ridges is positioned over the surface of the light barrier. A second light transmitting medium is positioned adjacent to the sides of the light barrier.

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